

Abstract

The invention relates to a signal processing unit for use in process
5 automation technology for mounting on a top-hat rail, comprising a housing
(3) for accommodating a plurality of plug-in cards (5, 6, 7, 8), for example
CPU card, I/O cards, power supply card, which can be connected with a
display unit (10) including a frame (11) with a display (12), keyboard (14) and
circuit board (16), to form a control panel-mountable module. The signal
10 processing unit is created by substituting an adaptation module (20) for the
display unit (10). The adaptation module (20) is connected with the housing
(3) and serves for fastening to a top-hat rail. The adaptation module (20) has
a circuit board (16A) which is configured analogously to the circuit board (16)
of the display unit (10). Thus, the adaptation module (20) allows for the
15 conversion of a panel-mountable module to a top-hat rail module.

(Fig. 1)